

AMENDMENT TO SPECIFICATION:

Please amend the paragraph beginning on page 6, line 23, as follows:

Referring to FIG. 1, a schematic diagram showing the steps of the method to determine the blood glucose resolution by utilizing the peak value. Firstly, with reference number 0 denotes the analogyanalog source, which generated from the chemical reaction between the blood glucose solution and the test reagent with the enzyme such as catalyst; then, analogyanalog source is inputted into a treatment device 12 to transfer the analogyanalog source and is outputted into a display apparatus 14, wherein the treatment device comprises an OP (operational amplifier 12A) with at least one resistor, when the blood glucose resolution is getting higher, the resistance is also getting higher. Then, the analogyanalog source is transferred into the AFE (analog front end) 12B. The analog source is transferred into the digital signal when the analog source is transferred to the AFE 12B, wherein the AFE 12B can be ADC (analog to digital converting system). Next, the digital signal is communicated into the MCU (microprocessor control unit) 12C to treat. Thereafter, the digital signal is outputted in the display apparatus 14. The diagram in the display apparatus 14 is a curve diagram.

Please amend the paragraph beginning on page 7, line 16, as follows:

FIG. 2 is schematic diagram illustrating the relationship between the rising curve of blood glucose resolution and the operational amplifier. After the blood glucose solution reacting with the test reagent to produce the analogyanalog signal source, the height of the curve is determined on the blood glucose concentration and the resistance, the resistance increasing with the increase of the blood glucose concentration. After the analogyanalog signal source being transferred into operation amplifier, the analogyanalog signal source will be transformed and transferred out as the outputted voltage (V_{out}) from these known values, the slope on the peak point, the resistance (R_o) in the operation amplifier, the reference resistance (R_i) and the reference voltage (V_{ref}).

Please amend the paragraph beginning on page 8, line 5, as follows:

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FIG. 3 is schematic diagram illustrating the flow steps of getting the resolution of the blood glucose concentration by the peak value. In this figure, step 20 means that the blood glucose solution has a chemical reaction by reacting with the catalyst to produce the analoganalog signal source, the chemical reaction may be an oxidation reduction reaction. Then, step 22 treat the analoganalog signal source and product a wave diagram. And then, at step 24, getting the maximum value of the wave diagram after the pre-setting sampling time. In the firstly preferred embodiment of the present invention, the average peak value could be obtained at step 26A by calculating the plurality of peak value after the pre-setting sampling time. And at step 26B, the method would get the resolution of the blood glucose concentration by the average peak value. Furthermore, in the other preferred embodiment, at step 28A, the method of the present invention could make the plurality of peak value be a mapping table which shows the relationship between the blood glucose concentration and the outputted voltage. And, at step 28B, the method of the present invention could calculate the resolution of the blood glucose concentration by obtaining the outputted voltage value of an unknown blood glucose solution and looking into the mapping table.